

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

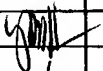

(Use as many sheets as necessary)

Compl te if Kn wn

Application Number	10/660944
Filing Date	09/12/2003
First Named Inventor	Daniel D. Dunn
Art Unit	
Examiner Name	
Attorney Docket Number	

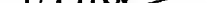
Sheet	1	of	3
-------	---	----	---

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,223,501	Sep 23, 1980	DeLoizier	
		US- 4,229,920	Oct 28, 1980	Lount	
		US- 4,439,967	Apr 3, 1984	Deilenberg	
		US- 4,604,843	Aug 12, 1986	Ott et al.	
		US- 4,698,947	Oct 13, 1987	McKay	
		US- 4,706,429	Nov 17, 1987	Young	
		US- 4,730,422	Mar 15, 1988	Young	
		US- 4,731,968	Mar 22, 1988	Obino	
		US- 4,866,891	Sep 19, 1989	Young	
		US- 4,884,382	Dec 5, 1989	Horobin	
		US- 5,014,480	May 14, 1991	Guarriello et al.	
		US- 5,102,710	Apr 7, 1992	Kaufman et al.	
		US- 5,107,648	Apr 28, 1992	Roby	
		US- 5,123,222	Jun 23, 1992	Guarriello et al.	
		US- 5,140,794	Aug 25, 1992	Miller	
	US- 5,390,459	Feb 21, 1995	Mensen		
	US- 5,465,542	Nov 14, 1995	Terry		
	US- 5,487,284	Jan 30, 1996	Artzer		
		US- 5,568,710	Oct 9, 1996	Smith et al.	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	6/11/04
-----------------------	---	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Best Available Copy



PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known

Application Number	10/660944
Filing Date	09/12/2003
First Named Inventor	Daniel D. Dunn
Art Unit	
Examiner Name	
Attorney Docket Number	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[Signature]		US 5,570,550	Nov 5, 1996	Roby	
		US 5,570,552	Nov 5, 1996	Nehring	
		US 5,596,855	Jan 28, 1997	Batch	
		US 5,611,182	Mar 18, 1997	Spude	
		US 5,625,989	May 6, 1997	Brubaker et al.	
		US 5,649,401	Jul 22, 1997	Harrington, Jr.	
		US 5,657,600	Aug 19, 1997	Mensen	
		US 5,658,483	Aug 19, 1997	Boeshart	
		US 5,664,382	Sep 9, 1997	Melnick et al.	
		US 5,701,710	Dec 30, 1997	Tremelling	
		US 5,704,180	Jan 6, 1998	Boeck	
		US 5,709,060	Jan 20, 1998	Vaughan et al.	
		US 5,735,093	Apr 7, 1998	Grutsch	
		US 5,771,648	Jun 30, 1998	Miller et al.	
		US 5,809,727	Sep 22, 1998	Mensen	
		US 5,809,728	Sep 22, 1998	Tremelling	
		US 5,845,449	Dec 8, 1998	Vaughan et al.	
		US 5,852,907	Dec 29, 1998	Tobin et al.	
[Signature]		US 5,887,401	Mar 30, 1999	Moore, Jr.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner
Signature

[Signature]

Date
Considered

6/11/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Best Available Copy

PTO/SB/08A (08-03)